EUROPEAN PATENT OFFICE

s of Japan Patent Abstra

PUBLICATION NUMBER

2000259347

PUBLICATION DATE

22-09-00

APPLICATION DATE

28-12-99

APPLICATION NUMBER

11372482

APPLICANT: SEMICONDUCTOR ENERGY LAB CO

LTD:

INVENTOR: HAYASHI YOSHISUKE;

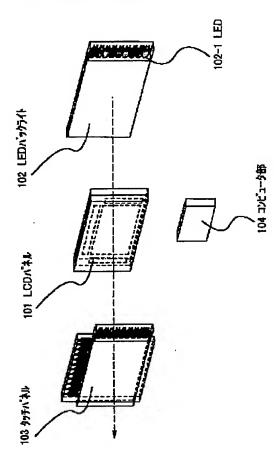
INT.CL.

G06F 3/033 G02F 1/133 G09G 3/20

G09G 3/36

TITLE

INFORMATION PROCESSOR



ABSTRACT :

PROBLEM TO BE SOLVED: To provide an information processor of a portable information terminal or the like having a touch panel which is proof against outer light, contamination and a mechanical shock and which can precisely detect a position and having a highly precise display device for inputting precise information.

SOLUTION: An information processor is provided with a field sequential display device having a back light 102 supplying the light of three colors, a picture display part forming the picture of one frame by sequentially and time- divisionally displaying three sub-frames corresponding to the light of three colors, and with a touch panel 103 having a light guide plate formed of a translucent material, a light sensor array where a light reception face faces the side of the light guide plate, a lens sheet where an emitting face faces the side of the light guide plate facing the side and an illumination means illuminating the incident face of the lens sheet.

COPYRIGHT: (C)2000,JPO

FP03-0367-00EP-AR 04.9.-2SEARCH REPORT